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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named
Inventor : Kevin I. Bertness

Appln. No. : 10/791,141

Filed : March 2, 2004

For : AUTOMOTIVE BATTERY CHARGING
SYSTEM TESTER

Docket No.: C382.12-0178

Group Art Unit: 2838

Examiner:

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

I HEREBY CERTIFY THAT THIS PAPER IS BEING
SENT BY U.S. MAIL, FIRST CLASS, TO THE
COMMISSIONER FOR PATENTS, P.O. BOX 1450,
ALEXANDRIA, VA 22313-2450, THIS

9 DAY OF March, 2005

PATENT ATTORNEY

Sir:

The patents or publications listed on the enclosed PTO Form-1449 are submitted pursuant to 37 C.F.R. § 1.97. Copies of the patents or publications cited are enclosed, except as waived by the Official Gazette notice of August 5, 2003 regarding copies of U.S. Patents and Published Applications.

TIME OF FILING

The information disclosure statement is being filed:

1. X with the application or within three months of the filing date of the application or date of entry into the national stage of an international application or before the mailing date of a first Office action on the merits, whichever event occurs last. In accordance with 37 C.F.R. § 1.97(b), no statement or fee is required.
2. _____ after the time period specified in paragraph 1 above, but before the mailing date of a final action under 37 C.F.R. § 1.113 or notice of allowance under 37 C.F.R. § 1.311. Therefore, in accordance with 37 C.F.R. § 1.97(c), submitted herewith is:

(check either A or B below)

- A. ☐ a statement as specified in 37 C.F.R. § 1.97(e).
 - B. ☐ the fee set forth in 37 C.F.R. § 1.17(p) for submission of an information disclosure statement under 37 C.F.R. § 1.97(c).
3. ☐ after the mailing date of either a final action under 37 C.F.R. § 1.113 or a notice of allowance under 37 C.F.R. § 1.311, whichever occurs first, but before payment of the issue fee. Therefore, Applicant petitions for consideration and submits herewith:
- A. a statement as specified in 37 C.F.R. § 1.97(e);
 - B. the petition fee set forth in 37 C.F.R. § 1.17(p).

STATEMENT

(only used if No. 2(A) or No. 3 above is checked)

The person(s) signing below certify

(check appropriate paragraph)

☐ that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement. 37 C.F.R. § 1.97(e)(1).

OR

☐ that no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this statement. 37 C.F.R. § 1.97(e)(2).

METHOD OF PAYMENT


 X No fee is required.

 Attached is a check in the amount of \$.


The Director is authorized to charge any fee deficiency required by this paper or credit any overpayment to Deposit Account No. 23-1123. A duplicate copy of this communication is enclosed.

Respectfully submitted,

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FORM PTO-1449		Atty. Docket No.: C382.12-0178	Appl. No.: 10/791,141
		First Named Inventor:	
		Kevin I. Bertness	
		Filing Date	Group Art:
		March 2, 2004	2838

U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
AA	5,369,364	11/1994	Renirie et al.	324	430	
AB	6,016,047	1/2000	Notten et al.	320	137	
AC	6,215,275	4/2001	Bean	320	106	
AD	6,449,726	9/2002	Smith	713	340	

FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Sub Class	Translation Yes No
AE	JP10232273	9/02/98	Japan			X (abstract)
AF	JP04095788	3/27/92	Japan			X (abstract)
AG	2 387 235 A	10/2003	Great Britain			X
AH	WO 00/16083	3/2000	WIPO			X
AI	WO 00/16614 A1	3/2001	WIPO			X
AJ	WO 00/16615 A1	3/2001	WIPO			X

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AK	"Dynamic modelling of lead/acid batteries using impedance spectroscopy for parameter identification", Journal of Power Sources, pp. 69-84, (1997)
AL	"A review of impedance measurements for determination of the state-of-charge or state-of-health of secondary batteries", Journal of Power Sources, pp. 59-69, (1998)
AM	"Improved Impedance Spectroscopy Technique For Status Determination of Production Li/SO ₂ Batteries" Terrill Atwater et al., pp.10-113, (1992)
AN	"Search Report Under Section 17" for Great Britain Application No. GB0421447.4. (1/28/05)
AO	"Results of Discrete Frequency Immittance Spectroscopy (DFIS) Measurements of Lead Acid Batteries", by K.S. Champlin et al., <u>Proceedings of 23rd International Teleco Conference (INTELEC)</u> , published October 2001, IEE, pgs. 433-440.
AP	"Examination Report" from the U.K. Patent Office for U.K. App. No. 0417678.0.

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.